

特点:

- 支持 Nvidia Jetson AGX Orin 系列核心板, 算力最高达 275TOPS
- 标配 5*GbE 和 1*10GbE
- 4*USB 5Gbps Type-A, 4*USB 2.0 Type-A, 1*USB 5Gbps Type-C
- 1 个 HDMI 高清显示接口
- 可选配 8 个 GMSL2 相机接口
- 提供 8bit GPIO, 2*CAN FD, 1*SPI, 1*I²C 接口
- 支持 WiFi、BT、4G/5G 等无线、移动扩展
- 支持选配门童功能模块
- 支持桌面式、壁挂式、DIN 导轨
- 带风扇主动式散热
- 9~36V 直流宽压供电



远程管理



状态监控



远程运维



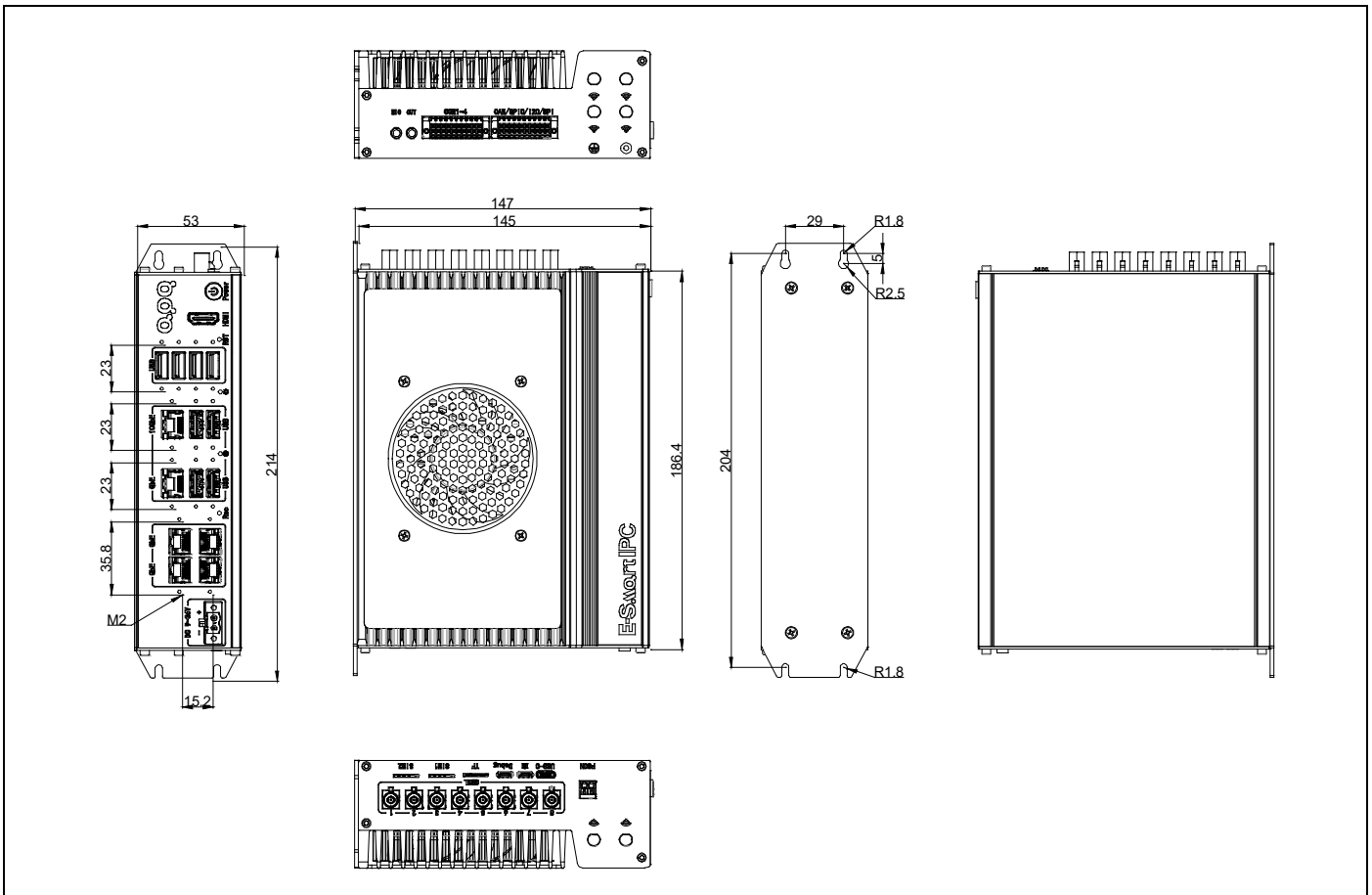
安全控制

产品规格

Model		AK4100
Core Modules		Jetson AGX Orin 32GB, 200 TOPS Jetson AGX Orin 64GB, 275 TOPS
Ethernet	Wired Module	1 * Marvell® AQR113C, 10/100/1000/2500/5000/10000 Mbps (Native interface) 1 * Intel® i210-AT, 10/100/1000 Mbps 1 * Intel® i210-AT, 10/100/1000 Mbps (Four shared interfaces through the switch)
	Wireless Module	Support Wi-Fi 2.4/5GHz Frequencies + Bluetooth 4.2 (Optional)
Storage	M.2	1 * M.2 Key-M (PCIe x4 Gen 3, NVMe SSD, 2280)
	TF	1 * TF Card Slot
Expansion Slots	M.2	1 * M.2 Key-B (USB 5Gbps, with 1 * SIM Card Slot, 3052) 1 * M.2 Key-E (TTL, 2230)
	Mini PCIe	1 * Mini PCIe (USB 2.0, with 1 * SIM Card Slot)
Front I/O	Ethernet	6 * RJ45
	USB	4 * USB 5Gbps (Type-A) 4 * USB2.0 (Type-A)
	Display	1 * HDMI: Resolution up to 4096x2160 @ 30Hz
	LED	1 * RUN LED 1 * ERR LED 1 * Power status LED
	Button	1 * Power On/Off Button 1 * Recovery Button 1 * Reset Button
Side I/O	USB	1 * USB 5Gbps (Type-C)
	OTG	1 * Micro USB
	Debug	1 * Micro USB
	PSON	1 * PSON (Pluggable Terminal Blocks, 2P, P=3.5mm)
	GMSL	8 * GMSL2 (FAKRA-Z, Optional)
	TF	1 * TF Card Slot
	SIM	2 * SIM Card Slots
	Audio	2 * 3.5mm Jack (MIC + Line_Out)
Serial	4 * RS232/485 (COM1/2/3/4, Pluggable Terminal Blocks, P=2.54mm)	

	CAN	2 * CAN FD (Pluggable Terminal Blocks, P=2.54mm)
	GPIO	8bits GPIO (Pluggable Terminal Blocks, P=2.54mm)
	SPI	1 * SPI (Pluggable Terminal Blocks, P=2.54mm)
	I ² C	1 * I ² C (Pluggable Terminal Blocks, P=2.54mm)
Internal I/O	FPANEL	1 * FPANEL (Header)
	FAN	1 * SYS FAN (wafer)
	Speaker	1 * Speaker (5-W/8-Ω Loads, wafer)
Power Supply	Type	AT/ATX
	Power Input Voltage	9 ~ 36VDC
	Connector	1 * Pluggable Terminal Blocks, 2Pin, P=5.0/5.08mm
	RTC Battery	CR2032 Coin Cell
OS Support	Linux	Ubuntu
Watchdog	Output	System Reset
Mechanical	Enclosure Material	Radiator/Box: Aluminum alloy, Top/Bottom Cover: SGCC
	Dimensions	53mm(L) * 145mm(W) * 186.4mm(H)
	Mounting	Wall mounted, DIN, Desktop
Environment	Heat Dissipation System	PWM Air Cooling
	Operating Temperature	-20~60℃ (Industrial SSD)
	Storage Temperature	-40~80℃ (Industrial SSD)
	Relative Humidity	5 to 90% RH (non-condensing)
	Vibration During Operation	With Industrial SSD: IEC 60068-2-64 (3Grms@5~500Hz, random, 1hr/axis)
Shock During Operation	With Industrial SSD: IEC 60068-2-27 (30G, half sine, 11ms)	

产品尺寸



产品 I/O

